Plycem USA, LLC
1149 ABTco Road
North Wilkesboro, NC 28697

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Allura Fiber Cement Siding and Soffit

APPROVAL DOCUMENT: Drawing No. VERT/ LAP/ SHAPES/ SOFFIT, titled: “Fiber Cement Vertical Panel/ Lap Siding/ Shapes/ Soffit Installation Details”, sheets 1 through 8 of 8, prepared by Plycem USA, LLC, dated 01/24/2002, with the last revision 2 dated 04/26/2018, signed and sealed by Robert Nieminen, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer’s name or logo, North Wilkesboro, NC, model/series and the following statements: “ASTM C 1186 Type A compliant” and “Miami-Dade County Product Control Approved” is to be located on each siding unit and per FBC 1709.10.2 and 1709.10.3 on soffit units.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 14-1022.03 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’S

A. DRAWINGS “Submitted under NOA # 14-1022.03”
   1. Drawing No. 10SBC00164B0000-E through 10SBC00164B0007-E, titled: Fiber Cement Panel/Plank, Fiber Cement Random Square Shapes and Fiber Cement Soffit Installation Details Steel/Wood Stud Construction”, sheets 1 through 8 of 8, prepared by Plycem USA LLC, dated 01/24/2002, with the last revision dated 01/19/2015, signed and sealed by Jose D. Mitrani, P.E.

B. TESTS “Submitted under NOA # 02-0503.01”

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C. CALCULATIONS “Submitted under NOA # 08-0213.05”
   1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 04/11/2008, prepared, signed and sealed by Jose D. Mitrani, P.E.

“Submitted under NOA # 02-0503.01”
   2. Fasteners calculations prepared by Jose D. Mitrani, sheets 1 through 19, signed and sealed by Jose D. Mitrani, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS “Submitted under NOA # 14-1022.03”
1. Bill of sale dated 02/01/2014.

“Submitted under NOA # 11-1014.08”
2. Statement letter of code conformance to 2007 and 2010 FBC (including ASTM C1186, Type A) issued by Jose D. Mitrani, P.E., dated 12/11/2011, signed and sealed by Jose D. Mitrani, P.E.

“Submitted under NOA # 08-0213.05”
3. No financial interest letter issued by Jose D. Mitrani, P.E., dated 04/11/2008, signed and sealed by Jose D. Mitrani, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. VERT/ Lap/ Shapes/ Soffit, titled: “Fiber Cement Vertical Panel/ Lap Siding/ Shapes/ Soffit Installation Details”, sheets 1 through 8 of 8, prepared by Plycem USA, LLC, dated 01/24/2002, with the last revision 2 dated 04/26/2018, signed and sealed by Robert Nieminen, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. Anchor calculations prepared by Nemo | etc., dated 04/26/2018, signed and sealed by Robert Nieminen, P.E.

D. QUALITY ASSURANCE
   1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   2. Laboratory testing contract letter issued by QAI Laboratories, dated 03/13/2018, signed by Michael Brunk.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0222.08
Expiration Date: April 24, 2023
Approval Date: June 21, 2018
4" CDX Grade Plywood Sheathing Mechanically Fasted To Studs
Weatherproofing Per 1404.2 Of F.B.C.
20 Gage Steel Studs

SECTION B-B

2" Minimum from Corner
3-5/8"x1/2"x0.031"
20 Gage Steel Studs

Allura Fiber Cement Panel

PIW Buildex S-12 #8 x 1-5/8" x 0.315" HD corrosion resistant ribbed bugle screws spaced 6" o.c. around the perimeter of the panel and intermediate vertical studs (Typ.)

General Notes
1. Wall receiving Fiber Cement Panels shall be checked for structural adequacy (By Others)
2. Walls shall be weather proofed as described in section 1404.2 of the F.B.C.
Note: Plywood Fasteners not shown for clarity

Studs @ 16" o.c.

6dx2" long galvanized common wire nails spaced 6" o.c. around the perimeter of the panel and intermediate vertical studs (Typ.)

6dx2" long galvanized common wire nails spaced 6" o.c. around the perimeter of the panel and intermediate vertical studs (Typ.)

2" Minimum Corner Distance

2" Minimum from Corner

SECTION B-B

48" Width
8'-0" Length
7/8" Thickness

Design Pressure Rating

Impact Resistant—Panels installed over ½" plywood sheathing

Installation Notes

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.

2. Wood studs on to which Allura Fiber Cement Panels will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.

3. Panels are to be installed vertically, avoiding horizontal joints, over ½" CDX grade APA rated plywood supported by 2x6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.

4. Allura fiber cement Panels shall be fastened with 6dx2" long galvanized common wire nails.

5. Fasteners shall be placed 6" o.c. around the perimeter of the panel and intermediate vertical studs, driven through the plywood sheathing into the studs. All joints shall be over studs and nails shall have a minimum edge distance of ¾" and minimum clearance of 2" from the corners.

General Notes

1. Wall receiving Fiber Cement Panels shall be checked for structural adequacy (By Others)

2. Walls shall be weather proofed as described in section 1404.2. of the F.B.C.
**Product Description**

Allura panel material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Dimensions**

- **Width**
- **Length**
- **Thickness**
  - ≤ 9-3/8" 12" 9/16"  

**Design Pressure Rating**

- **Installation**: Design Pressure:

Impact Resistant-Planks installed over 1/8" plywood sheathing

**Installation Notes**

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.

2. Metal studs on to which Allura Fiber Cement Lap Siding will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.

3. Lap Siding are to be installed horizontally commencing from the bottom course of a wall with 1-¼" wide laps at the top of the plank. The vertical joints must be over framing members. Optional PVC butt joint inserts are used for on-stud jointing.

4. Lap Siding are to be installed over ¾" CDX grade APA rated plywood supported by 20 gage x3-½"x1-¾" steel studs spaced a maximum of 16" o.c.

5. Allura Fiber Cement Lap Siding shall be fastened through the overlapping planks with ITW Buildex S-12 #8 x 2-1/4" x 0.315" HD ribbed bugle screws.

6. The fasteners shall be placed in the overlapping area ≤ 8" o.c. vertically and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4".

**General Notes**

1. Wall receiving Fiber Cement Lap Siding shall be checked for structural adequacy (By Others)

2. Walls shall be weather proofed as described in section 1404.2 of the F.B.C.

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**Allura Fiber Cement Lap Siding**

**Product Code**

NOA-No. 18-0222.08

**Expiration Date**

04/24/2023

**By**

Miami-Code Product Control
**Product Description**

Allura panel material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Dimensions**

<table>
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<tr>
<th>Width</th>
<th>Length</th>
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<tbody>
<tr>
<td>1/4&quot;</td>
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**Design Pressure Rating**

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<tr>
<th>Installation</th>
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<tr>
<td>Wood Studs</td>
<td>-115 PSF</td>
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**Impact Resistant**—Planks installed over 3/8" plywood sheathing.

**Installation Notes**

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Wood studs on which Allura Fiber Cement Lap Siding will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Lap Siding are to be installed horizontally commencing from the bottom course of a wall with 1/4" wide laps at the top of the plank. The vertical joints must be over framing members. Optional PVC butt joint inserts are used for corner stud joints.
4. Lap Siding are to be installed over 3/8" CDX grade APA rated plywood supported by 2x6 Wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
5. Allura Fiber Cement Lap Siding shall be fastened through the overlapping planks with 8dx2-1/2" long galvanized common wire nails.
6. Fasteners shall be placed in the overlapping area ≤ 6" o.c. vertically and 16" cross-stud spacing horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4".

**General Notes**

1. Wall receiving Fiber Cement Lap Siding shall be checked for structural adequacy (By Others).
2. Walls shall be weather proofed as described in section 1404.2. of the F.B.C.

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**Allura Fiber Cement Lap Siding**

**Installation Details**

- 2x6 Wood Studs with a Specific Gravity of 0.55 or More
- 8dx2-1/2" Long galvanized common wire nails
- Nails at 16" o.c. (Typ.)
- 3/4" Minimum Corner Distance
- 3/4" Minimum Edge Distance
- WEATHERPROOFING PER 1404.2. OF F.B.C.

**Allura Fiber Cement Lap Siding**

**SECTION B-B**

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**Allura Panel Material**

- Non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Product Description**

Allura panel material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Dimensions**

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<tr>
<th>Width</th>
<th>Length</th>
<th>Thickness</th>
</tr>
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<tbody>
<tr>
<td>1/4&quot;</td>
<td>12&quot;</td>
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**Design Pressure Rating**

<table>
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<th>Installation</th>
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<tr>
<td>Wood Studs</td>
<td>-115 PSF</td>
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</table>

**Impact Resistant**—Planks installed over 3/8" plywood sheathing.

**Installation Notes**

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Wood studs on which Allura Fiber Cement Lap Siding will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Lap Siding are to be installed horizontally commencing from the bottom course of a wall with 1/4" wide laps at the top of the plank. The vertical joints must be over framing members. Optional PVC butt joint inserts are used for corner stud joints.
4. Lap Siding are to be installed over 3/8" CDX grade APA rated plywood supported by 2x6 Wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
5. Allura Fiber Cement Lap Siding shall be fastened through the overlapping planks with 8dx2-1/2" long galvanized common wire nails.
6. The fasteners shall be placed in the overlapping area ≤ 6" o.c. vertically and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4".

**General Notes**

1. Wall receiving Fiber Cement Lap Siding shall be checked for structural adequacy (By Others).
2. Walls shall be weather proofed as described in section 1404.2. of the F.B.C.
General Notes

1. Wall receiving Fiber Cement Random Square Shapes shall be checked for structural adequacy (By Others)

2. Walls shall be weather proofed as described in section 1404.2. of the F.B.C.
8dx2-½" long galvanized common wire nails fastened in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing into the studs. Fastener vertical spacing not to exceed 8" o.c.

General Notes
1. Walls receiving Fiber Cement Random Square Shapes shall be checked for structural adequacy (By Others).
2. Walls shall be weather proofed as described in section 1404.2 of the F.B.C.

Product Description
Allura random square material is a non-asbestos Fiber Cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

Dimensions

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<tbody>
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<td>4'</td>
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Design Pressure Rating

Installation: Design Pressure:
Wood Studs: 95 PSF
Impact Resistant-Planks installed over ¾" plywood sheathing

Installation Notes
1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer’s installation recommendations and the requirements of the Florida Building Code.
2. B-woods studs on to which Allura Fiber Cement Random Square Shapes will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Shapes are to be installed horizontally commencing from the bottom course of a wall. The vertical joints must be over framing members. Overall dimension is 9".
4. Shapes are to be installed over ¾" CDX grade APA rated plywood supported by 2x6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
5. Shapes shall be fastened through the overlapping planks with 8dx2-½" galvanized common wire nails.
6. The fasteners shall be placed in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of ¾". Vertical spacing not to exceed 8" o.c.

Allurarandom square material is a non-asbestos Fiber Cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

Installation:

- Design Pressure:
  - Wood Studs: 95 PSF
  - Impact Resistant-Planks installed over ¾" plywood sheathing

Notes:
- Shapes are to be installed horizontally commencing from the bottom course of a wall.
- The vertical joints must be over framing members. Overall dimension is 9".
- Shapes are to be installed over ¾" CDX grade APA rated plywood supported by 2x6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
- Shapes shall be fastened through the overlapping planks with 8dx2-½" galvanized common wire nails.
- The fasteners shall be placed in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of ¾". Vertical spacing not to exceed 8" o.c.
**Product Description**

Allura Soffit material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Soffit Dimensions**

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<tbody>
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**Design Pressure Rating**

*Steel Studs:* 70 PSF

**Installation Notes**

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer’s installation recommendations and the requirements of the Florida Building Code.

2. Metal studs on to which Allura Fiber Cement Soffit will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the FBC and the requirements of this N.O.A.

3. Allura Soffit is to be installed over 20 gage 3/8"x1-3/4"x.031" steel studs spaced a maximum of 16" on center.

4. Allura Fiber Cement Soffit shall be fastened with ITW Buildex S-12 #8x1-¼"x0.315" HD corrosion resistant ribbed bugle screws.

5. Fasteners shall be placed 4" on center around the perimeter of the panel and intermediate studs. All joints shall be over studs. Screws shall have a minimum edge distance of ¾" and minimum clearance of 2" from the corners.

**General Notes**

1. Studs receiving Fiber Cement Soffit shall be checked for structural adequacy (By Others).
Allura Soffit material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

**Soffit Dimensions**

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<td>≥ 48&quot;</td>
<td>≤ ¾&quot;</td>
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**Design Pressure Rating**

**Installation Notes**

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.

2. Wood studs on to which Allura Fiber Cement Soffit will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.

3. Soffits are to be installed over 2x6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.

4. Allura Fiber Cement Soffit shall be fastened with 6dx2" long galvanized common wire nails.

5. Fasteners shall be placed 4" o.c. around the perimeter of the panel and intermediate studs. All joints shall be over studs, screws shall have a minimum edge distance of ¾" and minimum clearance of 2" from the corners.

**General Notes**

1. Studs receiving Fiber Cement Soffit shall be checked for structural adequacy (By Others)